

M 6.4, 66 km E of Sarangani, Philippines

Origin Time: 2023-10-04 11:21:48 UTC (Wed 19:21:48 local)
Location: 5.3416° N 126.0595° E Depth: 121.7 km

PAGER Version 2

Created: 2 hours, 3 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

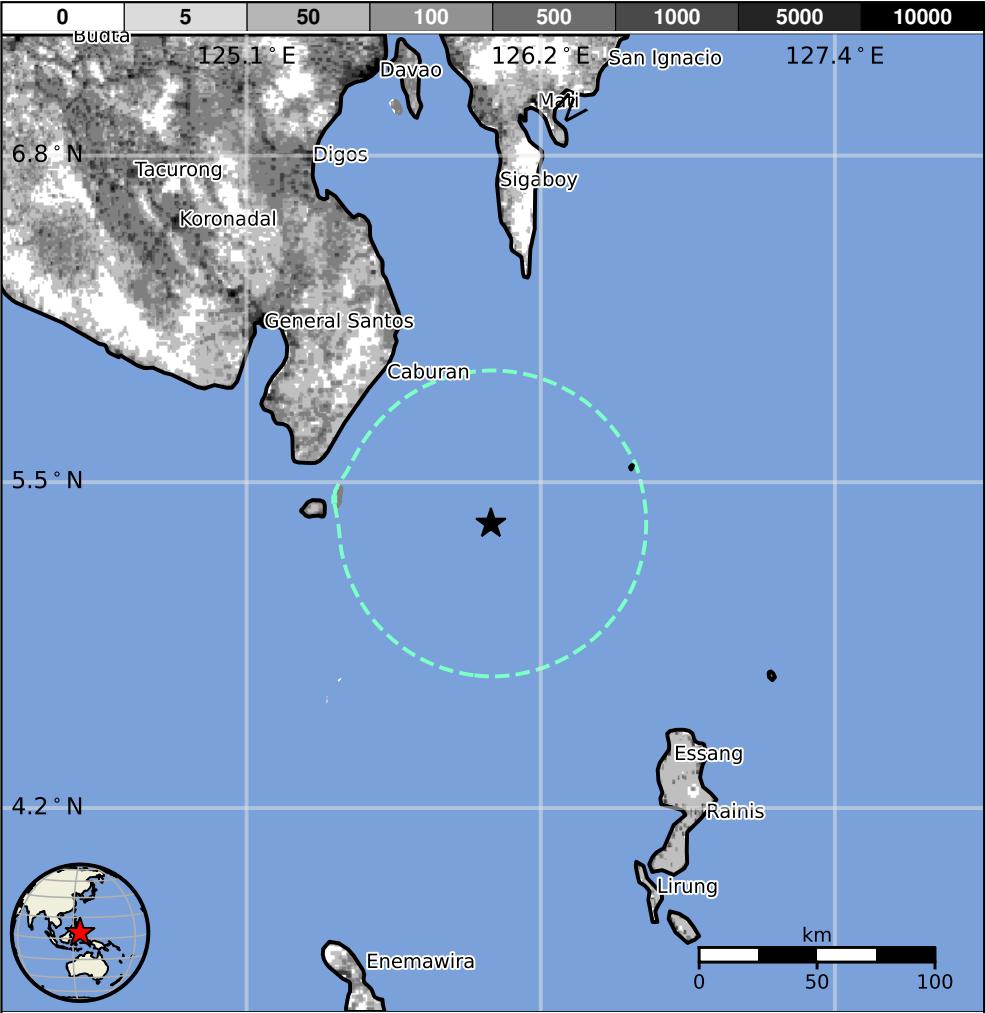
Estimated Economic Losses

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	5k*	9,037k	26k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-05-23	304	5.7	VII(70k)	1
1987-05-18	335	6.2	VIII(12k)	1
2002-03-05	218	7.5	VIII(12k)	15

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Sarangani	8k
IV	Balangonan	2k
IV	Bukid	2k
IV	Butulan	2k
IV	Nuing	3k
IV	Lun Pequeno	12k
IV	General Santos	680k
IV	Koronadal	126k
IV	Davao	1,213k
IV	Malingao	1,122k
IV	Budta	1,274k